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United States Patent and Trademark
Scientific and Technical Information Center
Biotechnology Systems Branch

FAX TRANSMISSION COVER SHEET

DATE: 06-21-2005Total Number of Pages Faxed: 6 (COV. INCL)

TO:

NAME: Deborah Williams

ORG.: _____

FAX NUMBER: 703-305-3230

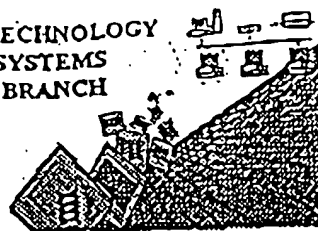
FROM: Mark Spencer

Voice Ph. Number: (571)272-2510

FAX Ph. Number: (571)273-0221

Message:

Re RUA: 10/257143

BIOTECHNOLOGY
SYSTEMS
BRANCH

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/257,143A
Source: PCT
Date Processed by STIC: 10/19/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

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- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER
VERSION 4.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND
TRADEMARK OFFICE WEBSITE SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chknote.htm>

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1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
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Room 1B03, Arlington, VA 22202

Revised 05/17/04

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VERIFICATION SUMMARY

DATE: 10/19/2004

PATENT APPLICATION: US/10/257,143A

TIME: 14:54:36

Input Set : A:\PTO.FG.txt

Output Set: N:\CRF4\10192004\J257143A.raw

L:9 M:270 C: Current Application Number differs, Replaced Application Number
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:314 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ ID#:3
L:314 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:1009
M:341 Repeated in SeqNo=3
L:412 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:4 ✓

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VARIABLE LOCATION SUMMARY

DATE: 10/19/2004

PATENT APPLICATION: US/10/257,143A

TIME: 14:54:36

Input Set : A:\PTO.FG.txt

Output Set: N:\CRF4\10192004\J257143A.raw

Use of n's or Xaa's (NEW RULES):

Use of n's and/or Xaa's have been detected in the Sequence Listing.

Use of <220> to <223> is MANDATORY if n's or Xaa's are present.

in <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

Seq#:3; N Pos. 1025,1299,1354,1409,1446,1450,1495,1507,1518,1520,1530,1537

Seq#:3; N Pos. 1545

Seq#:3; Xaa Pos. 342

Seq#:4; Xaa Pos. 342

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/257,143A

DATE: 10/19/2004

TIME: 14:54:35

Input Set : A:\PTO.FG.txt

Output Set: N:\CRF4\10192004\J257143A.raw

389 210 215 220
 391 Leu Tyr Lys Leu Cys Phe Phe Thr Leu Pro Phe Gly Glu Ser Gln Val
 392 225 230 235 240
 394 Ala Ile Cys Asp Gly Asn Phe Thr Ile Pro Asp Asn Ser Arg Tyr Ser
 395 245 250 255
 397 Arg Asn Ile His Cys Leu Ile Arg Phe Met Leu Glu Pro Asp Pro Glu
 398 260 265 270
 400 His Arg Pro Asp Ile Phe Gln Val Ser Tyr Phe Ala Phe Lys Phe Ala
 401 275 280 285
 403 Lys Lys Asp Cys Pro Val Ser Asn Ile Asn Asn Ser Ser Ile Pro Ser
 404 290 295 300
 406 Ala Leu Pro Glu Pro Met Thr Ala Ser Glu Ala Ala Arg Lys Ser
 407 305 310 315 320
 409 Gln Ile Lys Ala Arg Ile Thr Asp Thr Ile Gly Pro Thr Glu Thr Ser
 410 325 330 335
 E--> 412 Ile Ala Pro Arg Gln Xaa Pro Lys Ala Asn Ser Ala Thr Thr Ala Thr
 413 340 345 350
 415 Pro Ser Val Leu Thr Ile Gln Ser Ser Ala Thr Pro Val Lys Val Leu
 416 355 360 365
 418 Ala Pro Gly Glu Phe Gly Asn His Arg Pro Lys Gly Phe Arg Ala Pro
 419 370 375 380
 421 Pro Thr Ser Ser Ser
 422 385

PLS
 See error
 explanation
 on page 3.

PLS explain "Xaa"

The type of errors shown exist throughout
 the Sequence Listing. Please check subsequent
 sequences for similar errors.

previous



PCT

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/257,143A

DATE: 10/19/2004

TIME: 14:54:35

Input Set : A:\PTO.FG.txt

Output Set: N:\CRF4\10192004\J257143A.raw

3 <110> APPLICANT: Merck Patent GmbH
5 <120> TITLE OF INVENTION: Novel Serine Threonine Kinase STK-3
7 <130> FILE REFERENCE: STK3BSWS
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/257,143A
C--> 10 <141> CURRENT FILING DATE: 2002-10-09
12 <160> NUMBER OF SEQ ID NOS: 6
14 <170> SOFTWARE: PatentIn Ver. 2.1

Does Not Comply
Corrected Diskette Needed

(pg. 2-4)

ERRORED SEQUENCES

343 <210> SEQ ID NO: 4
344 <211> LENGTH: 389
345 <212> TYPE: PRT
346 <213> ORGANISM: Homo sapiens
348 <400> SEQUENCE: 4
349 Cys Gly Ser Gly Gly Ser Ser Val Gly Val Arg Val Phe Ala Val Gly
350 1 5 10 15
352 Arg His Gln Val Thr Leu Glu Glu Ser Leu Ala Glu Gly Gly Phe Ser
353 20 25 30
355 Thr Val Phe Leu Val Arg Thr His Gly Gly Ile Arg Cys Ala Leu Lys
356 35 40 45
358 Arg Met Tyr Val Asn Asn Met Pro Asp Leu Asn Val Cys Lys Arg Glu
359 50 55 60
361 Ile Thr Ile Met Lys Glu Leu Ser Gly His Lys Asn Ile Val Gly Tyr
362 65 70 75 80
364 Leu Asp Cys Ala Val Asn Ser Ile Ser Asp Asn Val Trp Glu Val Leu
365 85 90 95
367 Ile Leu Met Glu Tyr Cys Arg Ala Gly Gln Val Val Asn Gln Met Asn
368 100 105 110
370 Lys Lys Leu Gln Thr Gly Phe Thr Glu Pro Glu Val Leu Gln Ile Phe
371 115 120 125
373 Cys Asp Thr Cys Glu Ala Val Ala Arg Leu His Gln Cys Lys Thr Pro
374 130 135 140
376 Ile Ile His Arg Asp Leu Lys Val Glu Asn Ile Leu Leu Asn Asp Gly
377 145 150 155 160
379 Gly Asn Tyr Val Leu Cys Asp Phe Gly Ser Ala Thr Asn Lys Phe Leu
380 165 170 175
382 Asn Pro Gln Lys Asp Gly Val Asn Val Val Glu Glu Glu Ile Lys Lys
383 180 185 190
385 Tyr Thr Thr Leu Ser Tyr Arg Ala Pro Glu Met Ile Asn Leu Tyr Gly
386 195 200 205
388 Gly Lys Pro Ile Thr Thr Lys Ala Asp Ile Trp Ala Leu Gly Cys Leu

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